Subject: MATERIALS SCIENCE COLLOQUIUM, Allan MacDonald, University of Texas at Austin, Exploring Carbon Flatland, Thursday, January 24, 2008, 11:00 a.m., Building 212, Room

A-157, Mike Norman

From: Marlene Metz <metz@anl.gov> **Date:** Thu, 10 Jan 2008 10:09:43 -0600

To: msd@anl.gov

MATERIALS SCIENCE COLLOQUIUM

SPEAKER: Allan MacDonald

University of Texas at Austin

TITLE: "Exploring Carbon Flatland"

DATE: Thursday, January 24, 2008

TIME: 11:00 a.m.

PLACE: Building 212, Room A-157

HOST: Mike Norman

Refreshments will be available at 10:45 a.m.

Abstract:

In the past few years experimenters have learned how to prepare a new material that is truly two-dimensional, a sheet of carbon one atomic layer thick. I will review what has been learned from experimental studies of this new material, graphene, emphasizing surprises and mysteries and addressing the possibility that graphene could be a useful electronic material.

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